Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 03 Aug 2023 until 23:59 on Friday 04 Aug 2023

Forecast Issued on Thursday 03 Aug 2023 at 01:32

Confidence: High for the overall unsettled theme continuing, but lower for detail around duration and intensity showers. Moderate confidence for wet conditions on Saturday, but some uncertainty regarding timings and wind strength.

Headline for Thursday 03 Aug 2023: Dry with sunny spells through the early morning, giving way to increasing cloud and showers through the day, heavy and thundery at times.

Mountain weather hazards on Thursday 03 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Sunny intervals	Heavy rain showers	Heavy rain showers	Cloudy
Precipitation probability					
10%	10%	30%	60%	70%	40%

Forecast for Thursday 03 Aug 2023

Weather: A dry start, with sunny spells. Cloud increases from mid-morning, although the odd sunny spell still possible at times. Occasional showers breaking out from around midday onwards, although the odd sunny spell still possible at times. Showers heavy, and at times thundery through the afternoon, with the greatest risk towards the east of the park. Showers most likely persisting into the evening.

Chance of cloud-free hill tops above 600m: 90% through the morning, dropping to 70% later in the afternoon in heavy showers.

Low Cloud and visibility: Cloud across the highest peaks may linger through the morning, with occasional bases around 600-700m. Cloud amounts then increasing by mid-morning onwards, and lifting clear of summits, and only lowering temporarily in heavier showers through the afternoon. Visibility generally very good, falling to poor in showers later.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Thursday 03 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/16 NW	11/16 NW	12/17 NW	12/19 NW	12/18 NW	10/17 NW	8/13 NW
300	7/16 NW	8/17 NW	9/17 NW	10/19 NW	9/18 NW	7/15 NW	7/13 NW
Valley	2/11 NW	7/15 NW	7/15 NW	10/19 NW	8/18 NW	4/12 NW	5/12 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	11/9	13/11	14/12	13/11	11/9	10/9
300	11/10	14/13	16/15	17/15	15/14	13/12	12/11
Valley	12/12	16/15	18/17	18/16	17/16	14/14	14/13
Freezing Level*	2100m	2000m	2300m	2500m	2500m	2500m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Fine walking conditions likely through the morning. Showers later in the day likely to become heavy at times, with hail, lightning and blustery winds a risk, making walking conditions much more difficult.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 03 Aug 2023	16mm	20mm	39.8mm

Forecast for Friday 04 Aug 2023

Weather: Low cloud and patchy rain at first on Friday, with cloud gradually lifting though the morning. The patchy rain will turn more showery through the day, with some heavier bursts possible at times during the afternoon. Showers dying away in the evening, allowing sunny spells to develop.

Maximum wind: Northwesterly 10-15 mph.

Chance of cloud-free hill tops above 600m: 30% early on, rising to 90% by late afternoon.

Low Cloud and visibility: Extensive low cloud through the early morning, with bases around 500m seeing higher slopes in fog. Cloud lifting through the morning, perhaps with one or two breaks giving the odd sunny spell through the day. Visibility generally poor at first, improving to very good through the day, but likely dropping briefly at times to a few Km in heavier showers.

Temperature: **Valleys:** Plus 11 Celsius, rising to Plus 18 Celsius.
At 600m: Plus 9 Celsius, rising to Plus 12 Celsius.
Freezing level: Above summits.

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